

Specifications	
Built-in battery .....	Lithium ion rechargeable battery
Weight (Net) .....	Approx. 140g (0.31 lb)
Dimensions	
W x H x D [excluding projections]	
.....	61 mm (2-2/3") x 104 mm (5-1/2") x 17 mm (11/16")
W x H x D [including projections]	
.....	61 mm (2-2/3") x 104.2 mm (5-1/2") x 17.6 mm (11/16")
Recording medium (Built-in hard disk drive) *1 .....	1.8 inches, 20 GB
USB jack .....	USB 2.0/ USB 1.1
Headphone output .....	6 mW + 6 mW (16 Ω)
Display *2 .....	2.2-inch QVGA low-temperature polysilicon TFT color LCD

#### POINT :

- \*1 One GB (gigabytes) is equal to 1,000,000,000 bytes. The actual capacity after formatting may be smaller than the nominal capacity.
- \*2 The LCD monitor is fabricated with high accuracy, but some pixels may be permanently lighted or extinguished. This is not malfunction.

#### AC adaptor (AC-050150A) :

**Power supply** .....AC 100-240 V  
**Rated output** ..... DC 5V 1.5 A

- **KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.**
- **The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).**

## KENWOOD

#### For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model \_\_\_\_\_ Serial Number \_\_\_\_\_

# KENWOOD

DIGITAL AUDIO PLAYER

## HD20GA7

### QUICK START MANUAL

#### Frequently Asked Questions (FAQ):

**The latest information can be found in the FAQ. Please consult the FAQ section on the KENWOOD website of your resident country.**  
**(if necessary you can find a link to your local website on [www.kenwood.com](http://www.kenwood.com)**  
**<<http://www.kenwood.com>>).**

#### Kenwood Corporation

#### Model

HD20GA7

Serial Number

Serial Number

Serial Number

Serial Number

Serial Number

Serial Number

Serial Number

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#### Safety precautions

**⚠ Caution: Read this page carefully to ensure safe operation.**

**WARNING :** TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

## IMPORTANT SAFETY INSTRUCTIONS

**Read Instructions** – All the safety and operating instructions should be read before the product is operated.

**Retain Instructions**– The safety and operating instructions should be retained for future reference.

**Heed Warnings**– All warnings on the product and in the operating instructions should be adhered to.

**Follow Instructions**– All operating and use instructions should be followed.

**1. Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

**2. Attachments** – Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**3. Water and Moisture** – This product shall not be exposed to dripping and splashing – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

**4. Accessories** – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

**5. Ventilation** – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

**6. Power Sources** – This product should be operated only from the type of power source indicated on the product. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

**7. Power Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

**8. Lightning** – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

**9. Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

**10.Object and Liquid Entry** – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

**11.Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**12.Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a)** When the power-supply cord or plug is damaged,
- b)** If liquid has been spilled, or objects have fallen into the product,
- c)** If the product has been exposed to rain or water,
- d)** If the product does not operate normally by following the operating instructions.
- e)** If the product has been dropped or damaged in any way, and
- f)** When the product exhibits a distinct change in performance – this indicates a need for service.
- g)** If an abnormal smell or smoke is detected.

**13.Replacement Parts** – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

**14.Safety Check** – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

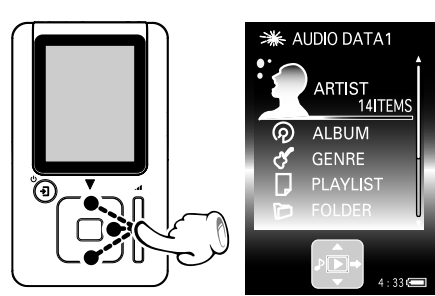
**15.Wall or Ceiling Mounting** – This product should be mounted to a wall or ceiling only as recommended by the manufacturer.

**16.Heat** – This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products that produce heat. Do not place a flaming object, such as a candle or lantern, or near the product.

**17.Power Lines** – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

**3** With the Home view displayed, press the multi-control (Up/Down) button to select a item ([ARTIST], [ALBUM], [GENRE] or [FOLDER]), and press the multi-control (Right) button.

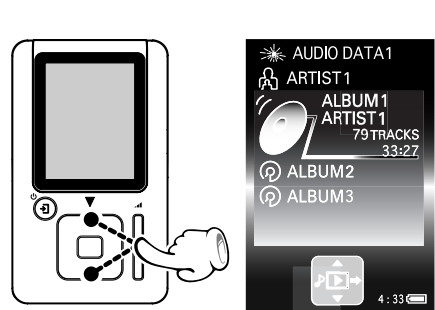
Pressing the multi-control (Up/Down) button deeply scrolls the displayed items at a high speed.



The list of the contents of the selected item is displayed.

**4** Press the multi-control (Up/Down) button to select the desired item or audio data.

When a item is selected and the multi-control (Right) button is pressed, the list of item or audio data in the selected item is displayed.

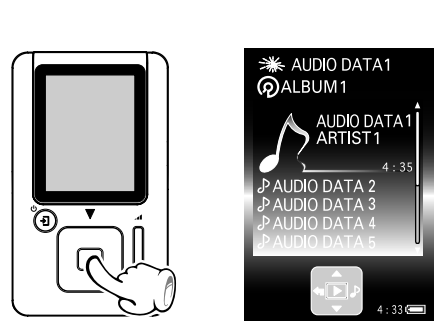


#### POINT :

To return to the previous display page, press the multi-control (Left) button.

**5** Press the multi-control (Center) button.

The selected item or audio data will be played in accordance with the current playback mode setup.

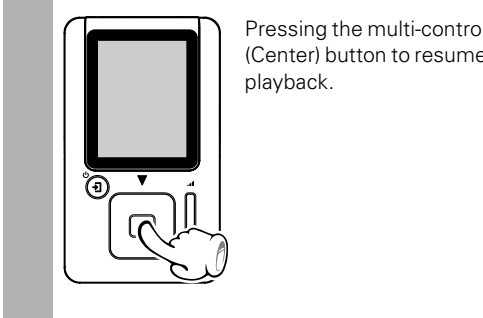


#### POINT :

If steps 3 to 5 are performed in the middle of playback, the current playback is stopped and the newly selected item or audio data is played back.

#### Stopping playback temporarily (Pause) ⑦

**1** Press the multi-control (Center) button during playback.

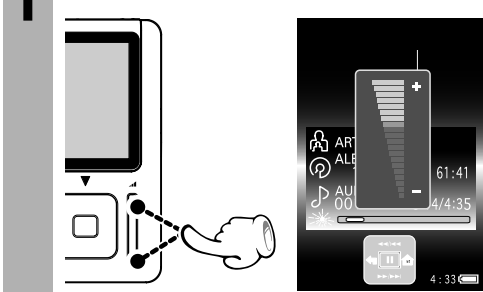


#### POINT :

- When the played item contains multiple audio data or after playback is stopped completely, it may take a few seconds before playback starts after the multi-control (Center) button is pressed.
- When about 3 minutes have passed after playback has paused, the player will automatically turn off the power.

#### Adjusting the volume ⑧

**1** Press the volume (+/–) button.



#### Volume (+) button:

Press to increase the volume.

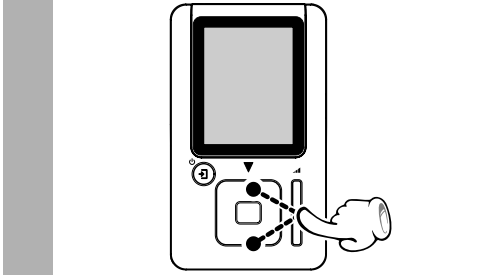
#### Volume (–) button:

Press to decrease the volume.

#### Fast forwarding/fast

#### reversing audio ⑨

**1** With the Play view displayed during playback, press and hold the multi-control (Up/Down) button for more than 1 second.



#### Multi-control (Up) button:

**Press lightly:** Low-speed (x20-speed equivalent) fast reverse.  
**Press deeply:** High-speed (x50-speed equivalent) fast reverse.

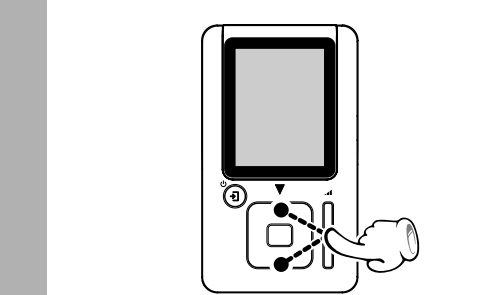
#### Multi-control (Down) button:

**Press lightly:** Low-speed (x20-speed equivalent) fast forward.  
**Press deeply:** High-speed (x50-speed equivalent) fast forward.

#### Skipping to the previous or

#### next audio data ⑩

**1** With the Play view displayed during playback or pause, press the multi-control (Up/Down) button.



#### Multi-control (Up) button:

Pressing the multi-control (Up) button immediately after the start of playback of audio data (while the track count is between 0:00 and 0:02) skips to the beginning of the previous track.  
Pressing the multi-control (Up) button in the middle of playback (while the track count is 0:03 or after) skips to the beginning of the current audio data.

#### Multi-control (Down) button:

Pressing this button to skip to the beginning of the next audio data.

- Holding the multi-control (Up/Down) button depressed during pause continues the skipping until the button is released.

#### POINT :

Open the [MENU] view and select **[SKIP+ FOLDER]** to skip to the next item or select **[SKIP– FOLDER]** to skip to the previous item.

#### To turn off ⑪

**1** Press and hold the ⏻ button for more than 2 seconds.

#### Viewing the PDF INSTRUCTION

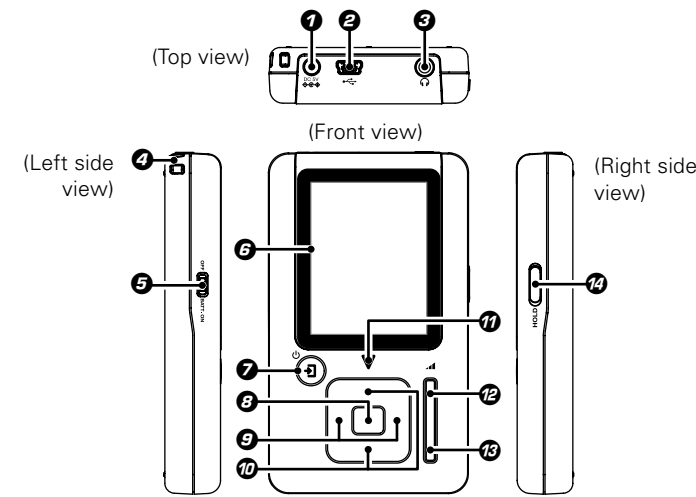
#### MANUAL ⑫

When the application software is installed in the PC, the [PLAYER] and [Kenwood Media Application] INSTRUCTION MANUAL are also installed. The Adobe Reader for use in reading these PDF files should be prepared separately. These manuals are stored in the [Program Files] → [KENWOOD] → [HD20GA7] → [MANUAL], provided that the default installation destination is not modified.

**1** Click on [Start] → [All Programs] → [KENWOOD] → [HD20GA7] → [MANUAL]. The Adobe Reader is launched and the [PLAYER], [Kenwood Media Application] INSTRUCTION MANUAL is displayed.



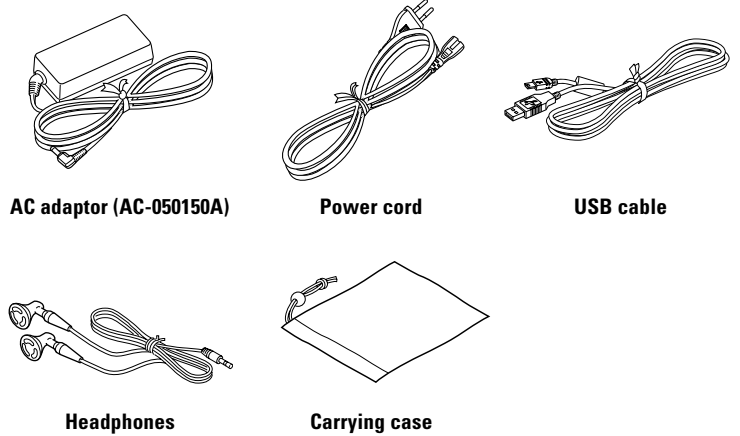
## Names and functions of parts



- 1 DC 5V (External power) jack
  - 2 USB jack
  - 3 Phones jack
  - 4 Strap eyelet
  - 5 BATT. ON/OFF (Built-in battery on/off) switch
  - 6 Display
  - 7 (Power/Menu) button
  - 8 Multi-control (Center) button
  - 9 Multi-control (Right/Left) button
  - 10 Multi-control (Up/Down) button
  - 11 Press the multi-control (Up/Down) button deeply makes it possible to scroll the display or increase the fast forward/fast reverse speed.
  - 12 Triangle LED
  - 13 Volume (+) button
  - 14 Volume (-) button
  - 15 HOLD switch
- When the player is off, press the button shortly to switch it on.
- When the player is on, press and hold the button for more than 2 seconds to switch it off.
- When the player is off, press the button to open the [MENU] view. Pressing the button when the display backlight is dimmed or extinguished turns the backlight on.
- Slide the switch in the direction of **HOLD** so that the player will not change the current operating condition even when a button is pressed by mistake, for example when the player is carried in power off status or used in a train.

## Unpacking ①

Unpack the unit carefully and make sure that all the accessories are present.



If any accessories are missing, or if the unit is damaged or fails to operate, notify your dealer immediately. If the unit was shipped to you directly, notify your shipper immediately. Kenwood recommends that you retain the original carton and packing materials in case you need to move or ship the unit in the future.

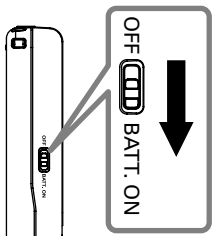
Keep this manual handy for future reference.

**No CD-ROM is provided with the Player.**  
The application software, the INSTRUCTION MANUAL and other required data are stored in the built-in HDD of the Player.

## Recharging of the built-in battery ②

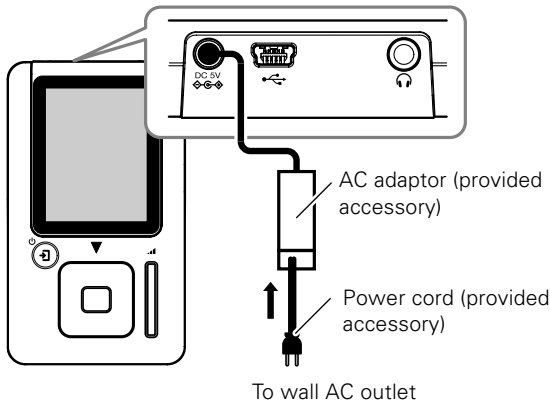
### 1 Slide the BATT. ON/OFF switch on the side view to [ON].

It should be set to [ON] before using the player for the first time after purchase.



### 2 Connect the AC adaptor (provided accessory) to the player.

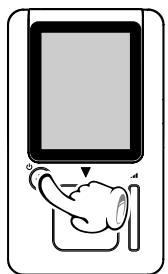
The recharging icon (red) is appeared on the display during re-charging of the battery. Recharging completes in about 2.5 hours. When the battery has been recharged, the recharging completion icon (green) is displayed on the display.



Use the enclosed AC adaptor (AC-050150A) for this product.

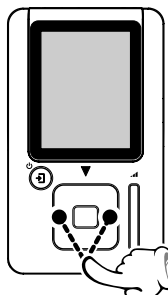
## Turning power on and setting the display language, date and time ③

### 1 Press the (Power/Menu) button shortly to turn the player on.



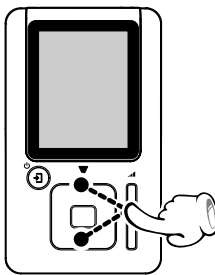
When the player is turned on for the first time, the [INITIAL SETTINGS] view is displayed.

### 2 Press the multi-control (Right/Left) button to select the item to be changed.



Every time the multi-control (Right) button is pressed, the selected item switches in order of **display language** → [M] (Month) → [D] (Day) → [Y] (Year) → **Hour** → **Minute**. Pressing the multi-control (Left) button switches them in the reverse order.

### 3 Press the multi-control (Up/Down) button to select the display language, date or time.



**Multi-control (Up) button :**

Press to increase the setting value.

**Multi-control (Down) button :**

Press to decrease the setting value.

### 4 Repeat steps 2 and 3 for each of other items.

### 5 Press the multi-control (Center) button.

The display language, date and time are set definitively.

## Installation of the application software ④

### Minimum requirements

- **Operating system (OS):**  
Microsoft Windows XP Professional  
Microsoft Windows XP Home Edition  
Microsoft Windows 2000 Professional
- **PC:** IBM PC/AT compatible model.
- **CPU:** Intel Pentium II 300MHz or higher.  
(Pentium III, 1 GHz or more recommended)
- **Memory:** 128MB or more.
- **Hard disc space:**  
160 MB or more except for audio data.
- **USB jack (USB 2.0/ USB 1.1)**
- **Windows Media Player 9 or Windows Media Player 10**

**POINT :**

- Operation is not guaranteed in all the environments meeting the above requirements.
- Use a PC in which the OS has been preinstalled. The operation cannot be guaranteed when the application software is run on a PC running an upgraded OS.
- Operation is not guaranteed on a PC assembled by the user.

### Notes on recorded audio data

Even when the recorded audio data is destroyed or erased due to a trouble in the player or the PC, KENWOOD will not assume any liabilities for the loss of data or other associated damages (such as the expenses required to purchase or obtain the music audio data).

### Trademark Information

- "Microsoft" and "Windows Media" are trademarks or registered trademarks of Microsoft Corporation in the USA and other countries.
- "IBM" and "PC/AT" are trademarks or registered trademarks of International Business Machines Corporation in the USA and other countries.
- "Pentium" and "Intel" are trademarks or registered trademarks of Intel Corporation in the USA and other countries.
- "Adobe Reader" is a trademark of Adobe Systems Incorporated.

Other system names and product names are also trademarks or registered trademarks of their respective developers. Note that the "TM" and "®" markings are omitted in the text of this manual.

## STEP 0

### Preparation of audio data

To record the music CD data in the PC, use the **Windows Media Player** or a similar application.

## STEP 1

### Connection of the PC and player

To install the application software, log in with the user having the Administrator authority and be sure to exit from other running applications.

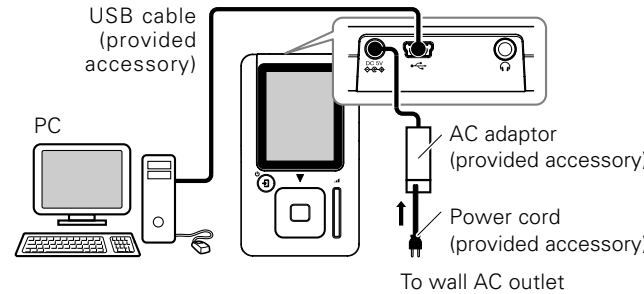
### 1 Boot the PC.

### 2 Connect the AC adaptor (provided accessory) to the player.

### 3 Press the (Power/Menu) button shortly to turn the player on.

### 4 Connect the PC to the player using the USB cable (provided accessory).

If a USB cable other than provided is used, the required operations may be unavailable.



When the PC is connected for the first time to the player, the installer of the application software is launched automatically. (The instruction manual and other required data are also installed in the PC.)

■ **Microsoft Windows XP Professional/ Home Edition**

Select [Run the program], and click on [OK].

If the installer does not launch automatically:

Open the Explorer, etc., select [HD20GA7] and then double-click on [Install].

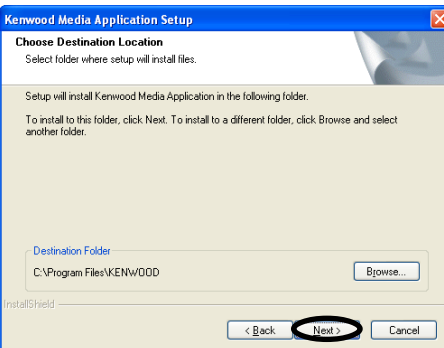
## STEP 2

### Installation of the application software

### 1 When the initial display of the installer appears, click on [Next].

### 2 Read the message in the [Licensing Agreement] display, select [I accept the terms of the license agreement] to express that you agree with the message, and click on [Next].

### 3 Specify the installation destination and click on [Next].



### 4 Click on [Install].

Installation starts.

### 5 To create the shortcut icon on the desktop, click on [Yes].

### 6 Click on [Yes] if you want to view the INSTRUCTION MANUAL after completion of the setup.

To view the PDF files of the INSTRUCTION MANUAL, it is required to install the Adobe Reader.

### 7 Click on [Finish] to finish the installation, then reboot the PC.

The details of the display may be variable depending on PC.

**IMPORTANT:** If you deleted Kenwood Media Application from the PC by mistake, open the explorer and select [My Computer] → [Local disk] → [Program Files] → [KENWOOD] → [HD20GA7] → [BACKUP] → [INSTALL] → [Install] to reinstall the application.

## Transfer of audio data from the PC to the player ⑤

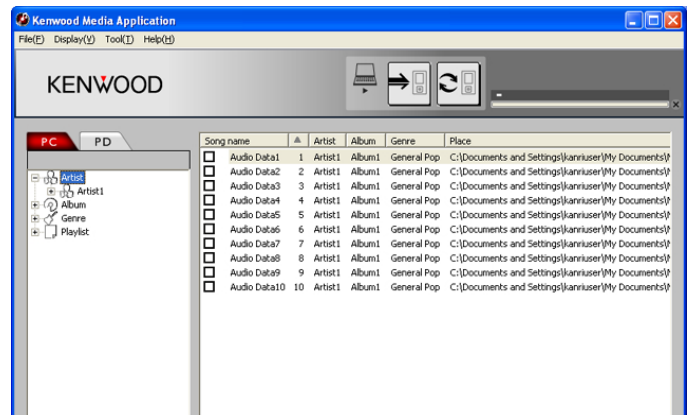
Audio data in the MP3, WMA or WAV format in the PC can be transferred to the Player using **Kenwood Media Application**. Copyrighted audio data should be transferred using the **Windows Media Player**.

■ **[Kenwood Media Application] INSTRUCTION MANUAL**  
[Transfer of audio data from the PC to the player] ~[17]  
[Operations using the Windows Media Player] ~[28]

The authority of Administrator is required to use Kenwood Media Application.

### 1 Double-click on shortcut icon on the desktop.

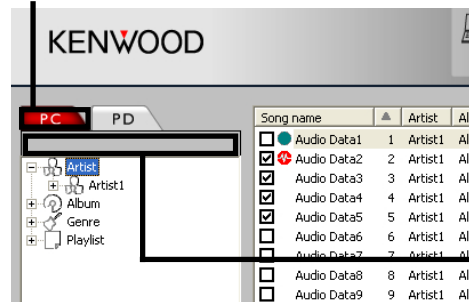
Kenwood Media Application is can also be launched by clicking on [Start] → [All Programs] → [KENWOOD] → [Kenwood Media Application] → [Kenwood Media Application].



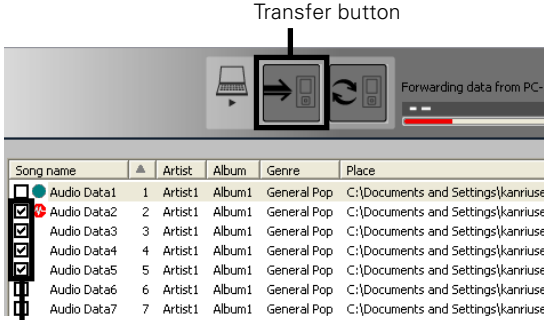
### 2 Select the library or folder to be transferred by clicking on it in the tree list.

The file list shows the audio data registered in the selected library or playlist in the PC.

[PC] tab



### 3 After checking the audio data to be transferred with marks, click on the transfer button in the transfer panel.



The audio data with marks in the file list are transferred to the player. (When a folder listed is checked with the mark, the entire checked folder can be transferred.)

### 4 After completing transfer of audio data, disconnect the player from the PC.

Be sure to exit from all running applications before proceeding to the following steps.

■ **Microsoft Windows XP Professional/ Microsoft Windows XP Home Edition:**

1 Click on [Safely Remove Hardware] on the taskbar.

2 Click on [Safely remove USB Mass Storage Device - Drive(F:)].

The [Safe To Remove Hardware] window opens.

3 Unplug the USB cable from the player.

■ **Microsoft Windows 2000 Professional:**

1 Click on [Unplug or Eject Hardware] on the taskbar.

2 Click on [Stop USB Mass Storage Device - Drive(F:)].

The [Safe To Remove Hardware] window opens.

3 Click on [OK].

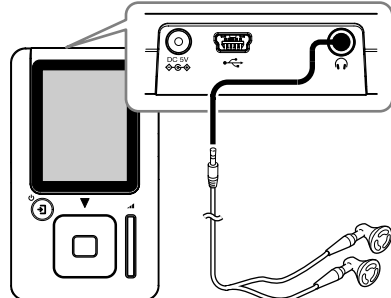
4 Unplug the USB cable from the player.

**POINT:**

- The displayed window is variable depending on the environment of your PC.
- For details, refer also to the instruction manual of your PC.

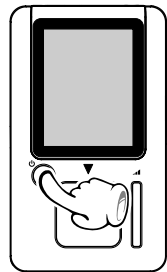
## Playback of audio data ⑥

### 1 Connect the headphones (provided accessory).



### 2 Press the (Power/Menu) button shortly to turn the player on.

The Home view appears.



To return to the previous display page, press the multi-control (Left) button.